

USSN 09/900,662

AMENDMENTS OF CLAIMS

1. (Currently amended) A data storage device comprising an array of nanotubes as electron sources; and a phase-change storage layer proximate tips of the electron sources.
2. (Original) The device of claim 1, wherein the nanotubes are carbon-based.
3. (Original) The device of claim 1, wherein the nanotubes are boron nitride-based.
4. (Cancelled)
5. (Original) The device of claim 1, wherein each nanotube electron source is elongated.
6. (Original) The device of claim 5, wherein the nanotubes have an aspect ratio greater than 10:1.
7. (Original) The device of claim 1, further comprising word and bit lines for addressing the nanotubes.
8. (Original) The device of claim 1, further comprising a micromover for positioning the array.

USSN 09/900,662

9. (Original) A data storage device comprising:
an array of carbon-based nanotubes; and
a phase-change storage layer proximate tips of the nanotubes.

10. (Original) A data storage device comprising:
an array of boron nitride-based nanotubes; and
a phase-change storage layer proximate tips of the nanotubes.

Claims 11-16 (Cancelled)